

**Attendance:** Gary Toller, Gene Eplee, Bill Barnes, Aisheng Wu, Sergey Marchenko, Ben Ripman, Gerhard Meister, James Kuyper, Chris Moeller, Jack Xiong, Brian Wenny

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**Scheduled Agenda****Item 1: Recent L1B LUT delivery**

- Terra forward update – 5.0.40.11 (09/27/08) – m1 & RVS

**Item 2: Instrument status**

- Terra and Aqua MODIS are in nominal operations.
- Terra Inclination Adjustment Maneuvers (IAM #21 & 22) scheduled for: 10/16 and 10/23 (doy 290 & 297), Time TBD but typically between 1400 and 1700.

**Item 3: MCST recent activities**

- Follow-up from last MsWG:
  - o Aqua Mirror Side Difference – The lunar measurement scheduled for Friday 10/10, will update the Aqua RVS and should address the observed MS difference. Results of that analysis will be presented at the next MsWG. Gerhard contacted Junqiang regarding an observed change in the Aqua Band 8 TOA radiance – it seems to be ~1% low in the middle of scan, most likely due to lack of RVS update for Aqua in recent months. He and Junqiang will meet to discuss after analysis of the new lunar data is complete.
  - o The Terra LWIR PV band SAA related noise as reported at the last MsWG has continued. It is still below the band NEdT specification so no action is planned at this time.
- Collection 6 Status update
  - o v6 code changes are complete and the code has been delivered and awaiting v6 LUTs before test data processing can begin.
  - o Baseline v6 TEB LUTs completed and compiled. The LUTs have been delivered to the Miami SST group for testing of their products. The tables modified for v6 include A0, A2, Band\_21\_b1 for Terra and Aqua, and the BB\_T\_sat for Aqua. A thorough analysis of the early mission time period for Terra where the cold focal planes lost control has added 4 time stamps to the original proposed v6 A0/A2 tables.
  - o The SV DN=0 issue has been removed from consideration for v6. James checked the L1B code and found that for any instances of SV DN = 0 there is a flag set so it was determined it is not necessary to make any code changes at this time.
  - o MCST delivery of a complete set of baseline v6 LUTS to L1B is still on schedule for the beginning of November.
    - James: Expects delivery of the v6 land surface reflectance code in December to begin science testing.

**Item 4: Around the Table**

- Eric: Hopes to provide some polarization test results at the next meeting.
- Chris: Received question regarding ‘strange’ behavior in atmosphere profile products over Antarctica. He does not have full details as yet, but will pass along relevant information to MCST when he does. Also, he has continued to study a possible out-of-band influence on bands 35 & 36 through a comparison with AIRS. Results to be presented at a future MsWG.

Next Meeting: ~October 22, 2008